

KATHREIN

Schaltbild

UFD 245

935 00 215

A

B


C

	PIN	M O D E				
		REST	PLAY	REV	FWD	MANU
Q107	E	GND	GND	GND	GND	GND
	C	7.4	0	7.4	7.4	0
	B	0	0.7	0	0	0
Q205	E	GND	GND	GND	GND	GND
	C	12.0	—	12.0	0	0
	B	0	—	0	0.7	0
Q206	E	12.0	12.0	12.0	12.0	0
	C	12.0	—	12.0	0.75	0
	B	0	—	0	0	0
Q207	E	12.0	12.0	11.7	12.0	0
	C	12.0	12.0	0.75	12.0	0
	B	12.0	—	12.0	11.7	0
IC101	1	7.4	7.4	7.4	0	0
	2	0	0	0	7.4	0
	3	0	0	0	0	0
	4	0	0	0	7.1	0
	5	Vcc	Vcc	Vcc	Vcc	Vcc
	6	0	0	0	7.4	0
	8	7.4	0	0	7.4	0
	9	Vcc	Vcc	Vcc	Vcc	Vcc
	10	0	0	0	0	0
	11	0	0	0	0	0
	12	0	0	7.4	0	0
	13	7.4	7.4	0	7.4	0
	14	0	0	0	7.2	0
IC102	1	0	0	0	7.2	0
	2	7.1	7.1	7.1	0	0
	3	0	0	0	0	0
IC103	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
IC104	1	7.4	7.4	7.4	0	0
	2	0	0	7.4	0	0
	3	7.4	7.4	0	7.4	0
IC105	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0

	PIN	M O D E				
		REST	PLAY	REV	FWD	MANU
IC102	5	0	0	0	0	0
	6	0	0	0	0	0
	8	0	0	0	0	0
IC103	9	7.4	0	7.4	7.4	0
	10	7.4	0	0	7.4	0
	11	0	0	0	0	0
IC104	12	7.4	0	7.4	7.4	0
	13	0	7.1	0	0	0
	14	0	0	0	0	0
IC105	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
IC106	4	0	0	0	7.4	0
	5	0	0	0	0	0
	6	0	0	0	7.2	0
IC107	8	0	0	0	0	0
	9	0	0	0	0	0
	10	0	0	0	0	0
IC108	11	0	0	0	0	0
	12	0	0	0	0	0
	13	0	0	0	0	0
IC109	1	7.4	7.4	7.4	0	0
	2	0	0	7.4	0	0
	3	7.4	7.4	0	7.4	0
IC110	4	0	0	0	7.4	0
	5	7.				

1. — indicates positive B power supply.
2. indicates signal path.

The tonearm START/STOP and UP/DOWN input signals are represented by arrows.

3. When replacing the parts in the darkened area and those marked with , be sure to use the designated parts to ensure safety.
4. This is the standard circuit diagram.

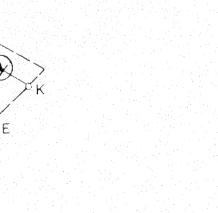
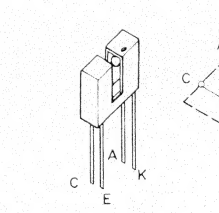
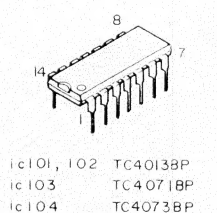
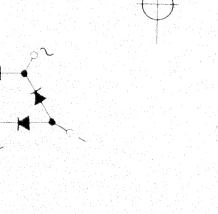
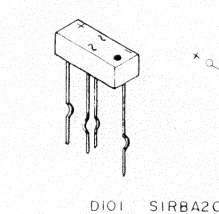
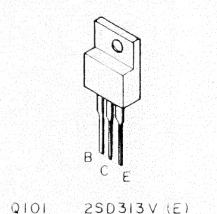
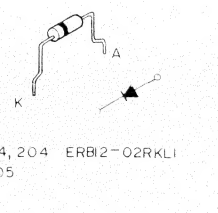
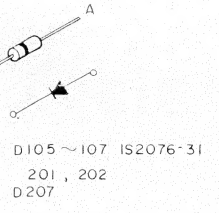
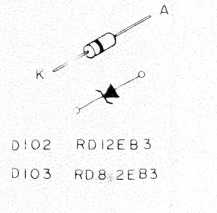
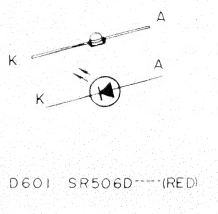
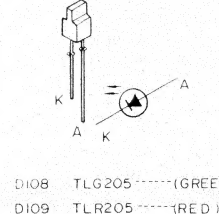
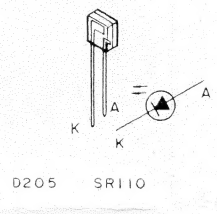
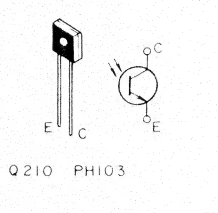
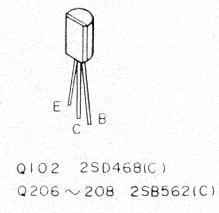
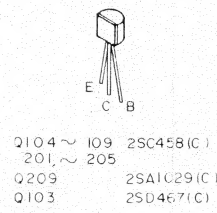
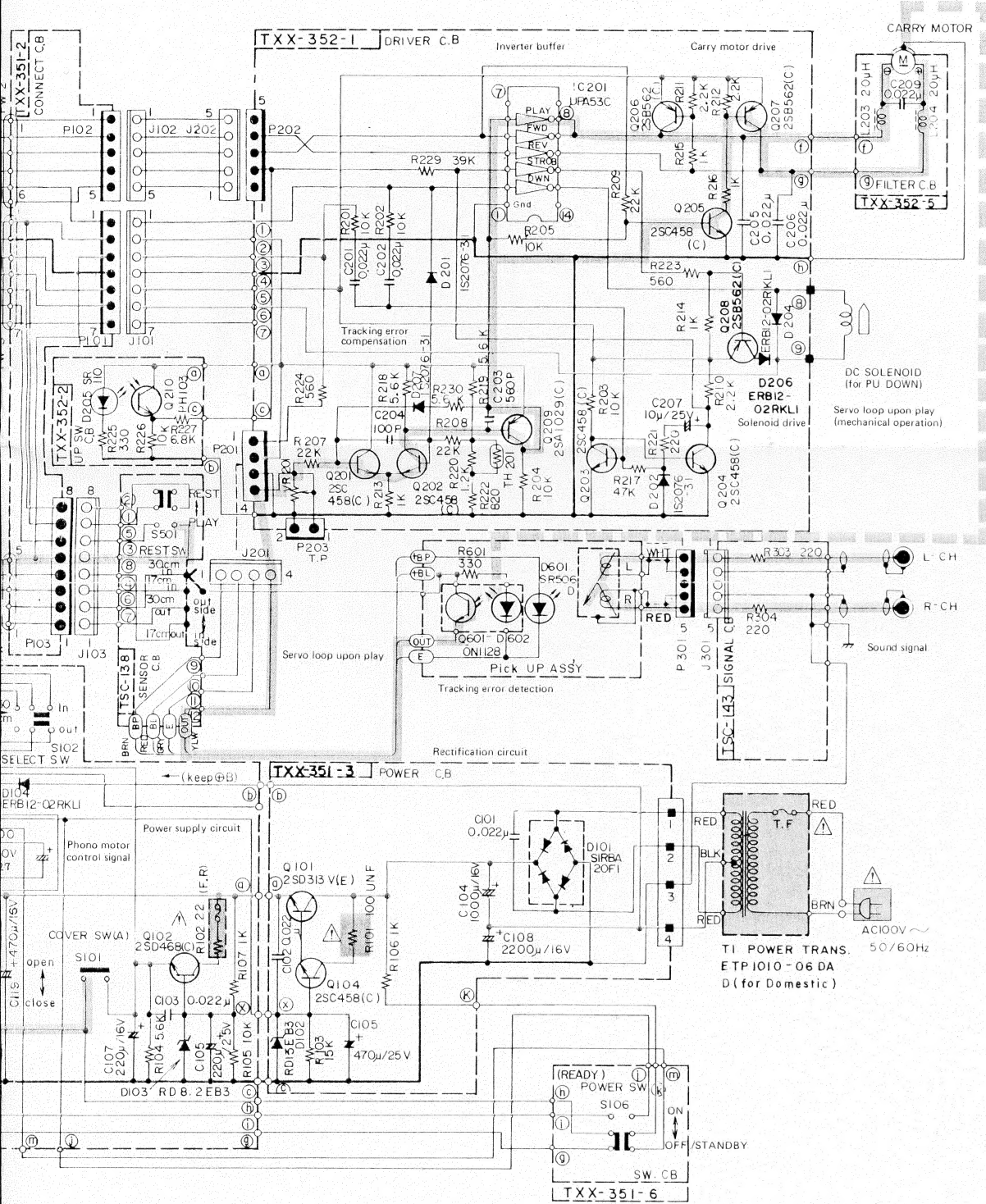
The design and contents are subject to change without notice.

C

D

E

F



	PIN	MODE		
		REST	PLAY	
Q103	E	GND	GND	
	C	11.5	11.5	0.05
	B	0	0.2	0.75
Q105	E	0	0.2	0.75
	C	0	0.2	0.85
	B	0	0.8	1.45
Q106	E	GND	GND	
	C	7.4	0	
	B	0	0.7	

	PIN	MODE		
		AUTO	MANU	
Q108	E	GND	GND	
	C	0	6	
	B	0.65	0	
Q109	E	GND	GND	
	C	6	0	
	B	0	0.75	

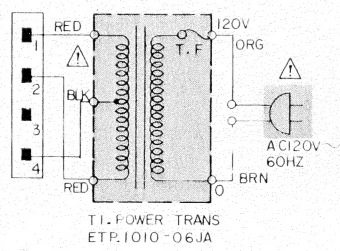
	PIN	MODE		
		UP	DOWN	
Q210	E	0.1	6.6	
	C	7.4	7.4	
	B	3.5	—	
Q601	E	3.5	—	
	C	7.4	7.4	
	B	2.6	—	
Q201	E	2.6	—	
	C	7.4	7.4	
	B	3.2	—	
Q202	E	2.1	—	
	C	7.4	—	
	B	0.5	1.9	
Q209	E	7.4	7.4	
	C	0	—	
	B	7.4	—	

	PIN	MODE		
		SÖLENOID	NOR-MALLY	
Q203	E	GND	GND	
	C	0	0.75	
	B	0.7	0	
Q204	E	GND	GND	
	C	8.0	0	
	B	0	0.75	
Q208	E	12.0	12.0	
	C	12.0	9.1	
	B	11.7	12.0	

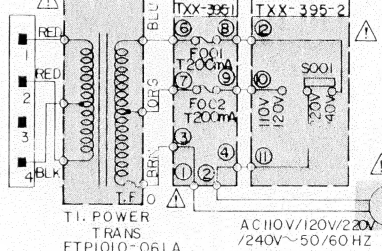
Note: (unit: volt)
Voltage Values are measured by a VTVM.

	PIN	POWER SW		
		ON(REST)	OFF(REST)	
Q101	E	12.0	0	
	C	19.8	21.0	
	B	12.5	0	
Q104	E	12.5	0	
	C	19.8	21.0	
	B	13.0	0	
Q102	E	7.4	0	
	C	11.6	0	
	B	8.0	0	

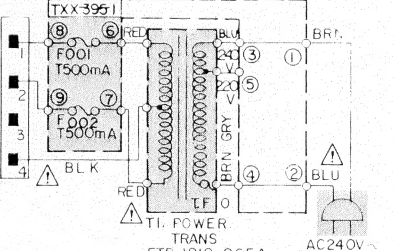
J/C (for USA/Canada)



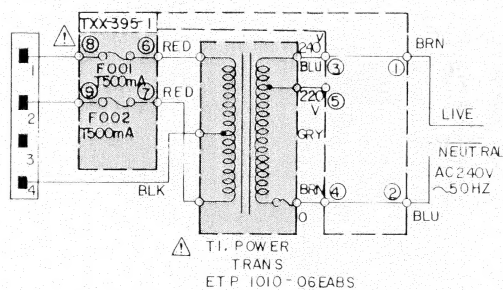
P/U (for Pacex / Other areas)



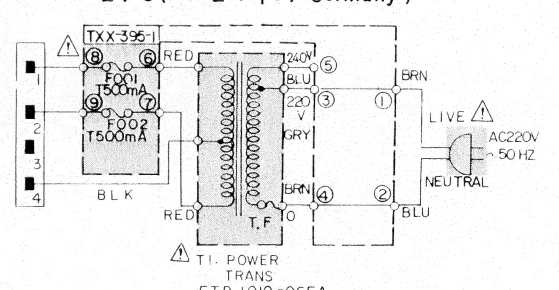
A (for Australia)



BS (for UK)



E/G (for Europe / Germany)



C

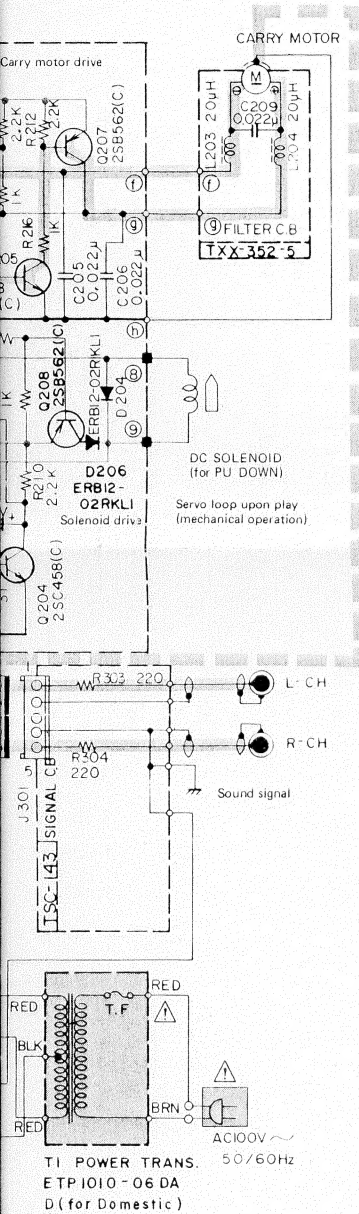
D

E

F

E

F



Q104 ~ 109 2SC458(C)
Q201 ~ 205 2SA1C29(C)
Q209 2SD467(C)
Q103 2SD467(C)

Q102 2SD468(C)
Q206 ~ 208 2SB562(C)

Q210 PH103

D205 SR110

D108 TLG205 (GREEN)
D109 TLR205 (RED)
D601 SR506D (RED)

D102 RD12EB3
D103 RDB2EB3

D105 ~ 107 IS2076-31
201, 202
D207

D104, 204 ERB12-02RKL
D205

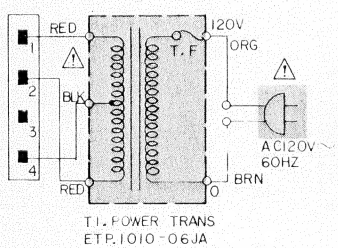
Q101 2SD313V (E)

D101 SIRBA20F1

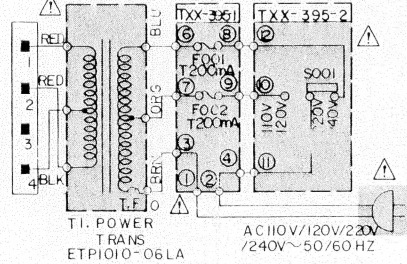
IC101, 102 TC4013BP
IC103 TC4071BP
IC104 TC4073BP
IC105 TC4075BP
IC201 μ PA53C

Q601 - D602 ON1128

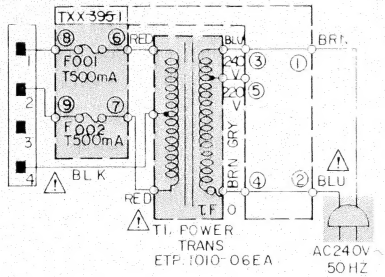
J/C (for USA/Canada)



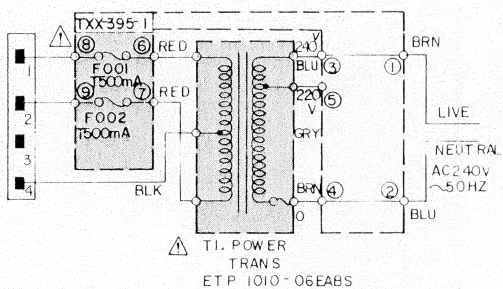
P/U (for Pacex / Other areas)



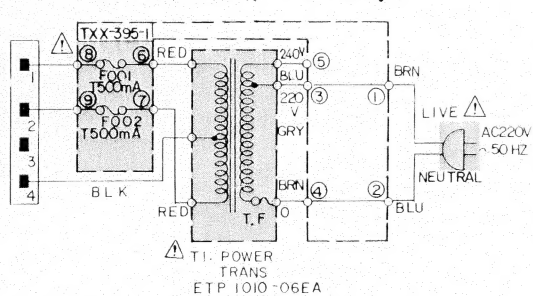
A (for Australia)



BS (for UK)



E/G (for Europe / Germany)



1

2

3

4

E

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